

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)

Form Approved
OMB No. 1218-0072

H HEALTH	1
F FLAMMABILITY	0
R REACTIVITY	0
PERSONAL PROTECTION <small>Style NC-1503R</small>	B

IDENTITY (As Used on Label and List)
LAUNDRY DETERGENT

Note: Blank spaces are not permitted. If any item is not applicable, the space must be marked to indicate that.

Section I

Manufacturer's Name NEEDELS JANITOR SUPPLY CO a div of NEEDELS COMPANY INC	Emergency Telephone Number (612) 227-8331
Address (Number, Street, City, State, and ZIP Code) 444 WACOUTA ST	Telephone Number for Information (612) 227-8331
ST PAUL MN 55101	Date Prepared 2/19/92
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Metasilicate Penta #26 CAS #6834-92-0	2mg/m ³	as NaOH	2mg/m ³ as NaOH	
Soap Granules #45 CAS #008052480	NE		NE	
Nonylphenoxvethoxvethanol CAS #68412-54-4	NE		NE	
Sodium Carbonate CAS #497-19-8	NA		NA	
Sodium Hydroxide CAS #1310-73-2	2mg/m ³		2mg/m ³	
Sodium Sulfate CAS #7757-82-6	15mg/m ³		10mg/m ³	
Sodium Dodecyl Benzene Sulfonate CAS # NA	NA		NA	

Section III — Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H₂O = 1)	NA
Vapor Pressure (mm Hg.)	ND	Melting Point	Greater than 500 F
Vapor Density (AIR = 1)	ND	Evaporation Rate (Butyl Acetate = 1)	NK
Solubility in Water	Complete		
Appearance and Odor	Off white powder, pleasant smell		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	None	Flammable Limits	NA	LEL	UEL
Extinguishing Media	NA				
Special Fire Fighting Procedures	NA				
Unusual Fire and Explosion Hazards	NK				

Section V — Reactivity Data:

Stability	Unstable		Conditions to Avoid	NK
	Stable	X		

Incompatibility (Materials to Avoid) Avoid contact with acids; reaction generates heat

Hazardous Decomposition or Byproducts NK

Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? X Skin? No Ingestion? X

Health Hazards (Acute and Chronic) Has typical properties of powdered cleaners with PH of about 12.0

Product is generally non-dusting, stray dust can irritate eyes and mucous membranes. Product causes skin irritation on repeated contact.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure See Health Hazards. Also, burning in mouth if ingested.

Medical Conditions Generally Aggravated by Exposure NK

Emergency and First Aid Procedures For skin contact, rinse area thoroughly with cool running water. For eye contact flush eyes with running water for at least 15 minutes. If irritation persists obtain medical attention. For ingestion, Rinse mouth and drink large amounts of water. Call a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Spilled product can be swept up for salvage or disposal. Area should be rinse thoroughly.

Waste Disposal Method Sanitary landfill or in accordance with existing ordinances

Precautions to Be Taken in Handling and Storing Normal care in handling. Store in dry cool place. Keep lids on containers tightly when not in use.

Other Precautions Keep Out Of Reach Of Children.

Section VIII — Control Measures

Respiratory Protection (Specify Type) NR

Ventilation	Local Exhaust	NA	Special	NR
	Mechanical (General)	Normal good ventilation sufficient		Other

Protective Gloves Recommended if in constant contact Eye Protection NR

Other Protective Clothing or Equipment NR

Work/Hygienic Practices Do not contaminate food or beverage with cleaning chemicals